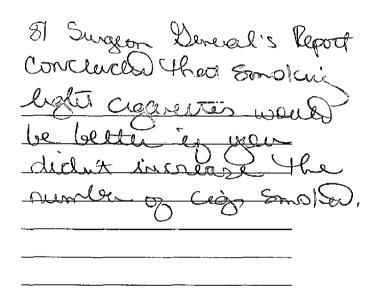
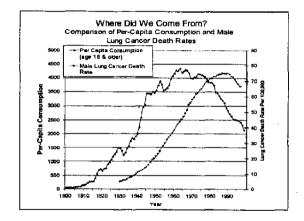
Epidemiology of Low-Yield Cigarettes: How did we get it so wrong?

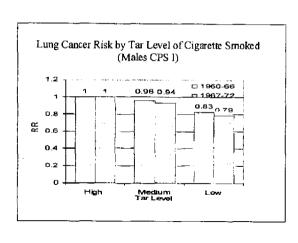
David M. Burns, M.D. UCSD School of Medicine





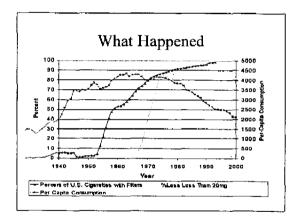
What Should Have Been

 	-		

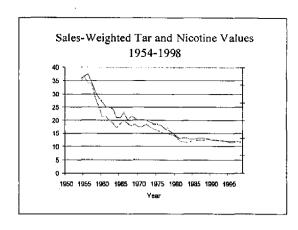


a premise of his is that Never Gonoless do not contract lung cauce. Irue?

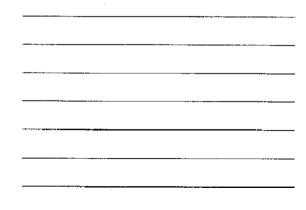
Jane?

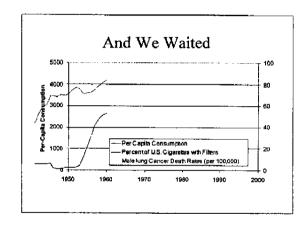


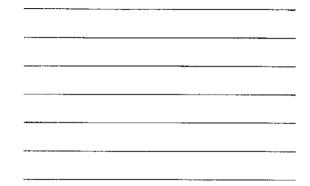
2

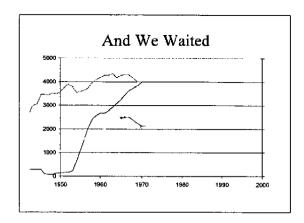




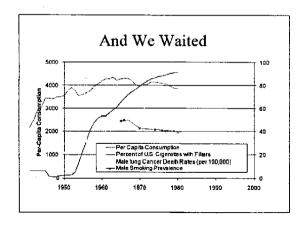


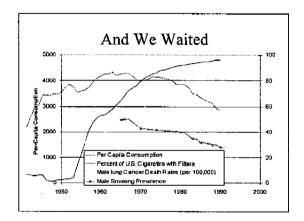


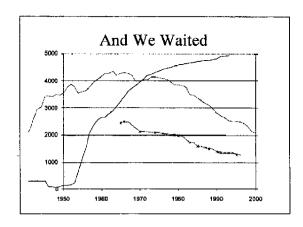


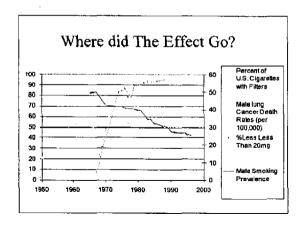


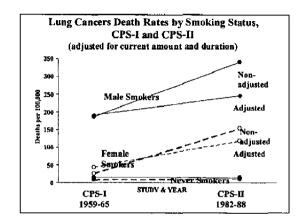
	 -	
···· . <u>-</u>		

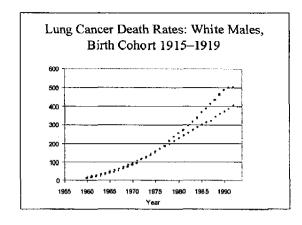






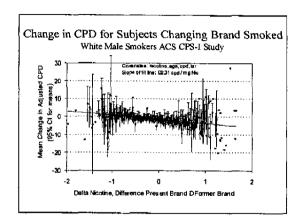



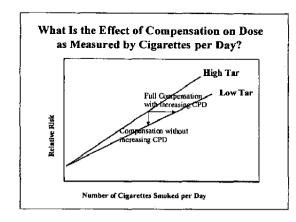




## Why Didn't It Work

- We underestimated what tobacco could do with a cigarette
- We underestimated what a smoker would do to get nicotine



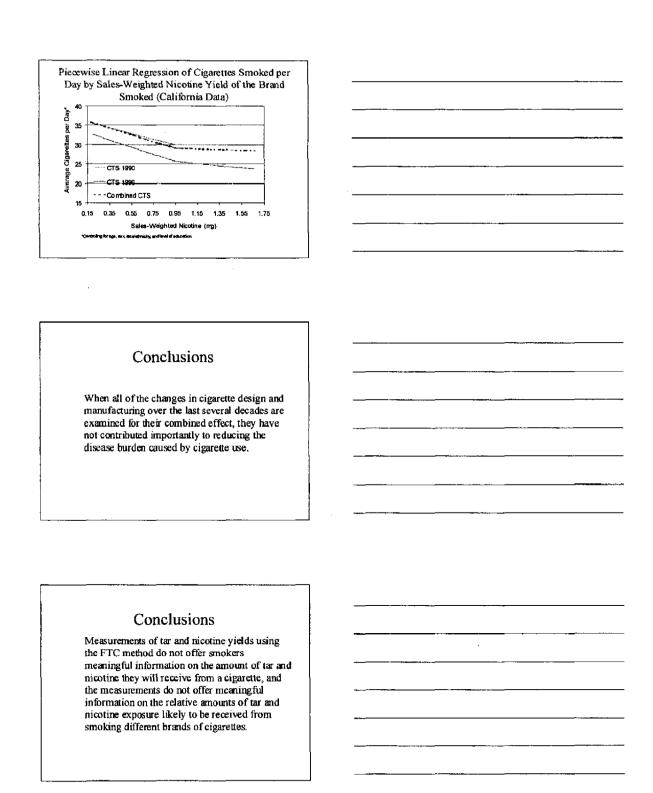


How to compare dose?

to control for dose, # is a

Titrating

Prenewer dose



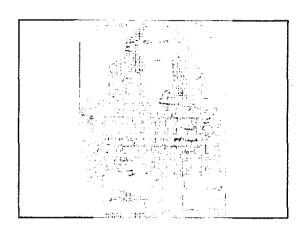
## What Tobacco Was Doing

"Research staff should lay down guide lines against which alternative products can be chosen in everyday operations. Although there may, on occasions, be conflict between saleability and minimal biological activity, two types of products should be clearly distinguished, viz:

- a) Health-image (health reassurance) cigarette.
- b) A Health-oriented (minimal biological activity) cigarette, to be kept on the market for those consumers choosing it." S.J. Green 1968

## What Tobacco Knew About Smokers

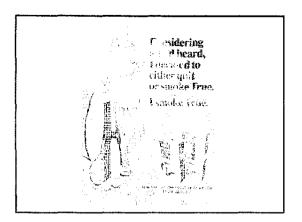
"Given a cigarette that delivers less nicotine than he desires, the smoker will subconsciously adjust his puff volume and frequency, and smoking frequency, so as to obtain and maintain his per hour and per day requirement for nicotine...." C. Teague (1972)

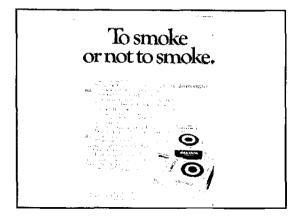


## What Tobacco Knew About Low Tar Cigarettes

"The new filter brands vying for a piece of the growing filter market made extraordinary claims. ... In most cases however, the smoker of a filter cigarette was getting as much or more nicotine and tar as he would have gotten from a regular cigarette. He abandoned the regular cigarette, however, on the ground of reduced risk to health." (E. Pepples 1976).

Who Did They Market Them To



10	
----	--

Notes: